IN THE SPECIFICATION

Pursuant to 37 CFR § 1.121(b)(1)(i)-(ii), please delete the paragraph on page 1, lines 5-7, and replace it with the following paragraph, which includes markings to show all the changes relative to the previous version of the paragraph:

"The present application is a continuation-in-part of U.S. Patent Application Serial No. 09/309,755, filed May 11, 1999, now U.S. Patent No. 6,681,331, titled "Dynamic Software System Intrusion Detection," which is hereby incorporated by reference in its entirety."

Pursuant to 37 CFR § 1.121(b)(1)(i)-(ii), please delete the paragraph on page 2, lines 18-31, and replace it with the following paragraph, which includes markings to show all the changes relative to the previous version of the paragraph:

"A more general case of the intrusion detection problem is the problem of anomalous behavior detection. It is possible to detect anomalous behavior based on the measurement of program activity as control is passed among program control structures. As a system executes its customary activities, the behavior monitoring scheme should estimate a nominal system behavior. Departures from the nominal system profile will likely represent potential anomalous activity on the system. Since unwanted activity may be detected by comparison of the current system activity to that occurring during previous assaults on the system, it would be desirable to store profiles for recognizing these activities from historical data. Historical data, however, cannot be used to recognize new kinds of behavior. An effective security tool would be one designed to recognize assaults *as they occur* through the understanding and comparison of the current behavior against nominal system activity. The subject matter disclosed herein and in U.S. Patent Application Serial No. 09/309,755, now U.S. Patent No. 6,681,331, addresses these issues."